

Erratum

Real hypersurfaces in complex manifolds

by

S. S. CHERN

and

J. K. MOSER

*University of California
Berkeley, CA, U.S.A.*

*New York University
New York, N.Y., U.S.A.*

(Acta Math. 133 (1974), 219–271)

Corrections on p. 246–247.

(1) Formula (3.19) should read:

$$\left. \begin{aligned} z &\rightarrow \lambda(z+aw)\delta^{-1}, & \delta &= 1-2i\bar{a}-(r+i|a|^2)w \\ w &\rightarrow |\lambda|^2w\delta^{-1} \end{aligned} \right\} \quad (3.19)$$

(2) The displayed formula below (3.20) should read:

“... leads to

$$c_{43}(0) \rightarrow c_{43}(0) - \frac{2ia}{3}, \quad c_{52}(0) \rightarrow c_{52}(0) - 2i\bar{a}$$

so that $j = c_{52}(0) + 3\overline{c_{43}(0)}$ is unchanged.”

(3) The next formula should read:

$$\operatorname{Re} c'_{42}(0) \rightarrow \operatorname{Re} c'_{42}(0) - 4r.$$

These errors (of the second author) were observed and rectified by James Faran. These changes do not affect any other statements of the paper.